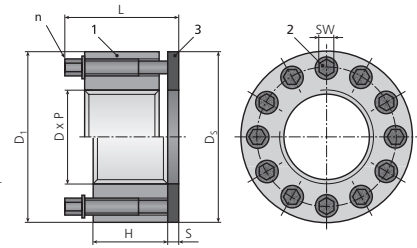


CY

Nut-style tensioner high strength

CY series tensioners are used for high strength bolt loads on general machinery applications. They fit in the same space as a heavy hex nut.

Components:
1 Nut body
2 Jackbolts
3 Hardened washer



Imperial	Size			Nut body		Jackbolt		Hardened washer		Height	Weight	Preload*	Torque*	Preload capacity*	
	Thread	Available TPI			1		2		3		tot	est	nom	nom	max
Part number	D [in]	P ₁	P ₂	P ₃	D ₁ [in]	H [in]	n	SW [in]	D _s [in]	S [in]	L [in]	[Lb]	F [LBf]	M [Lbft]	[LBf]
CY-075-.../W	3/4	10	16	-	1.47	0.70	6	3/16	1.50	0.13	1.38	0.31	30,600	14	40,800
CY-087-.../W	7/8	9	14	-	1.70	0.70	8	3/16	1.63	0.13	1.38	0.39	40,800	14	54,400
CY-100-.../W	1	8	12	14	1.90	0.93	6	1/4	2.00	0.19	1.71	0.68	48,600	27	64,800
CY-112-.../W	1-1/8	7	8	12	2.08	0.93	8	1/4	2.13	0.19	1.71	0.78	64,800	27	86,400
CY-125-.../W	1-1/4	7	8	12	2.32	1.20	6	5/16	2.38	0.19	2.12	1.30	73,800	49	98,400
CY-137-.../W	1-3/8	6	8	12	2.46	1.20	8	5/16	2.50	0.19	2.12	1.42	98,400	49	131,200
CY-150-.../W	1-1/2	6	8	12	2.80	1.42	8	3/8	2.75	0.19	2.43	2.11	129,600	75	172,800
CY-162-.../W	1-5/8	6	8	12	2.96	1.42	8	3/8	2.88	0.19	2.43	2.29	129,600	75	172,800
CY-175-.../W	1-3/4	5	8	12	3.20	1.42	12	3/8	3.13	0.25	2.49	2.80	194,400	75	259,200
CY-187-.../W	1-7/8	6	8	12	3.59	1.60	8	7/16	3.50	0.25	2.85	4.07	175,200	114	233,600
CY-200-.../W	2	4.5	8	12	3.70	1.60	12	7/16	3.50	0.25	2.85	4.24	262,800	114	350,400
CY-225-.../W	2-1/4	4.5	8	12	3.95	1.60	12	7/16	3.75	0.25	2.85	4.59	262,800	114	350,400
CY-250-.../W	2-1/2	4	8	12	4.45	2.30	12	9/16	4.50	0.31	3.87	8.64	428,400	233	571,200
CY-275-.../W	2-3/4	4	8	12	4.70	2.40	12	9/16	4.75	0.31	3.87	9.45	428,400	233	571,200
CY-300-.../W	3	4	6	8	5.20	2.30	16	9/16	5.00	0.31	3.87	11.33	571,200	233	761,600
CY-325-.../W	3-1/4	4	6	8	5.45	2.30	16	9/16	5.00	0.31	3.87	11.79	571,200	233	761,600
CY-350-.../W	3-1/2	4	6	8	5.70	2.40	18	9/16	5.50	0.31	3.87	13.02	642,600	233	856,800
CY-375-.../W	3-3/4	4	6	8	5.95	2.40	18	9/16	5.50	0.31	3.87	13.49	642,600	233	856,800
CY-400-.../W	4	4	6	8	6.20	2.60	20	9/16	6.00	0.31	4.19	15.50	714,000	233	952,000
CY-425-.../W	4-1/4	4	6	8	6.95	3.00	18	5/8	6.40	0.38	4.76	23.50	907,200	390	1,209,600
CY-450-.../W	4-1/2	4	6	8	7.20	3.00	18	5/8	6.65	0.38	4.76	24.53	907,200	390	1,209,600
CY-475-.../W	4-3/4	4	6	8	7.45	3.20	20	5/8	6.90	0.38	5.06	29.90	1,008,000	390	1,344,000
CY-500-.../W	5	4	6	8	7.70	3.30	20	5/8	7.15	0.38	5.06	28.83	1,008,000	390	1,344,000
CY-525-.../W	5-1/4	4	6	8	7.95	3.70	22	5/8	7.65	0.38	5.36	33.12	1,108,800	390	1,478,400
CY-550-.../W	5-1/2	4	6	8	7.95	3.70	22	5/8	7.65	0.38	5.36	30.62	1,108,800	390	1,478,400
CY-575-.../W	5-3/4	4	6	8	8.45	4.00	24	5/8	8.15	0.38	5.76	38.31	1,209,600	390	1,612,800
CY-600-.../W	6	4	6	8	8.45	4.00	24	5/8	8.15	0.38	5.76	35.36	1,209,600	390	1,612,800

* All preload and torque values are provided for general reference. Applied preload plus additional bolt load from service should not exceed the maximum bolt or stud capacity. Contact your local Nord-Lock sales office for assistance in determining proper preload and torque settings for your application.
- Other sizes, thread pitches or thread per inch (TPI) may be available.
- Dimensions listed are representative.

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STANDARD NUT & BOLT-STYLE TENSIONERS